| Inde | ex of Cla | aims |
|------|-----------|------|
|      |           |      |

Application/Control No.

10/039,125 Examiner

Hai V. Nguyen

Applicant(s)/Patent under Reexamination

PRAKASH ET AL.

Art Unit

2142

| <u> </u> | Allowed  |
|----------|----------|
| 1        | Rejected |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla         | aim        | Date           |                 |   |                 |          |                                     |                 |   | , 1.     | Cla | im    | Date     |                 |          |          |            |                         |  |  |   | Cla       | aim | Date  |          |                |               |   |          |          |          |                   |          |           |
|-------------|------------|----------------|-----------------|---|-----------------|----------|-------------------------------------|-----------------|---|----------|-----|-------|----------|-----------------|----------|----------|------------|-------------------------|--|--|---|-----------|-----|-------|----------|----------------|---------------|---|----------|----------|----------|-------------------|----------|-----------|
|             | T          |                |                 |   |                 |          |                                     |                 |   | ╗        | 7.1 |       |          | П               |          |          | 7          | П                       |  | Ť  | Т   | ヿ         |     |       |          |                |               | $\neg$  |          |          |          |                   |          | П         |
| क           | Original   | 12/24/05       |                 |   |                 |          |                                     |                 |   | ı        | .*  | a     | Original |                 |          | - 1      | ı          | İ                       |  |  |   | -         | i   | a     | Original |                |               | - 1   |          |          |          |                   |          |           |
| Final       | <u>:</u> ē | 72             |                 |   |                 |          |                                     |                 |   |          |     | Final | ij       |                 | I        | - 1      |            | ļ                       | - 1  |  |   | ı         |     | Final | ij       |                |               |   |          |          |          |                   |          |           |
|             | Ō          | 12             |                 |   |                 |          |                                     |                 |   |          | ٠   | _     | ō        |                 | - 1      | ı        | 1          |                         |  |  |   |           |     | _     | Ō        |                |               | - [   |          |          |          |                   |          |           |
|             | 1          | 1              | Н               |   | -               | _        | $\vdash$                            | -               | -+  | $\dashv$ |     |       | 51       | $\vdash$        | $\dashv$ | $\dashv$ |            | -                       | -+   | +  | -   | ᅥ         |     |       | 101      | -              | -             | ┥   |          | -        | $\dashv$ | $\dashv$          | -        | $\dashv$  |
|             | 2          | Ì              | -               | - | -               |          | $\vdash$                            | $\vdash$        | -   | -        | Ì   |       | 52       | Н               | -        | -        | $\dashv$   | $\dashv$                | -  | -  | -   | ⊣         |     |       | 102      |                | -             | $\dashv$  | -        | -        | $\dashv$ | $\dashv$          |          |           |
| _           | 3          | Ì              | $\vdash$        | - | H               |          | $\vdash$                            | $\vdash$        | -   | ⊣        |     |       | 53       |                 | $\dashv$ | $\dashv$ | -          | $\dashv$                | ┥  | ┥  | -   | -         |     |       | 103      | $\vdash$       | -             | $\dashv$  | $\dashv$ |          | -        | $\dashv$          |          | $\dashv$  |
|             | 4          | <del>  `</del> | Н               | - | -               | _        | _                                   | -               | $\vdash$  | -        | - 1 |       | 54       | -1              |          | $\dashv$ | $\dashv$   | $\dashv$                | $\dashv$   | -  | -   | -         | •   |       | 103      | $\dashv$       | +             | ┥   | ┥        | -        | $\dashv$ | -                 | -        | -         |
| -           | 5          | 1              |                 |   | $\vdash$        | _        |                                     | -               |   |          |     |       | 55       |                 |          |          | -          | $\dashv$                | $\dashv$   | -  |   | 4         |     |       | 105      | $\dashv$       | -             | -   | -        |          | -        | $\rightarrow$     | _        | $\dashv$  |
| -           | 6          | _              | -               | - | -               | _        | _                                   | $\vdash$        | $\vdash$  | -1       |     |       | 56       | -               |          |          | $\dashv$   | -                       | $\dashv$   | $\dashv$                                       | +   | $\dashv$  |     |       |          |                |               | ᅱ   | -        | $\dashv$ | $\dashv$ | -                 | $\dashv$ | $\dashv$  |
|             | 7          | 1              | _               | _ | $\vdash$        | _        | _                                   | -               | $\vdash$  | -        |     |       | 50       | $\vdash$        | $\dashv$ | $\dashv$ |            | -+                      | $\dashv$   |  |   | 4         |     |       | 106      |                |               | -   |          |          | $\dashv$ | $\dashv$          |          | $\dashv$  |
|             |            |                |                 | - | $\vdash$        |          | -                                   | -               | -   | -        | . 6 |       | 57       | $\vdash$        | -        | $\dashv$ | -          |                         | -  |  | _   | -         |     |       | 107      | Н              | +             | -   |          |          | $\dashv$ | $\dashv$          |          | $\dashv$  |
|             | 8          | 1              | _               | - | $\vdash$        | _        | _                                   | _               | -   | -1       | - 1 |       | 58       | $\vdash$        |          | -        |            |                         | -+   | $\dashv$                                       | $\dashv$  | 4         |     |       | 108      |                | -             | 4   | _        |          |          |                   | _        | $\dashv$  |
|             | 9          | 1              | _               |   | H               |          | _                                   |                 |   |          |     |       | 59       | Ш               |          |          | 4          | 4                       | 4  | 4  | -   | 4         |     |       | 109      |                | $\dashv$      | 4   |          |          |          | $\dashv$          | _        | $\dashv$  |
| <u> </u>    | 10         | 1              | _               | _ |                 |          | _                                   | L               | -   | _        | - 1 |       | 60       | $\vdash$        | _        | _        | 4          | _                       | 4  | 4  | _   | 4         | - 1 |       | 110      |                | $\perp$       | 4   | _        |          | _        | $\dashv$          | _        |           |
| <u> </u>    | 11         | 1              |                 |   | Ш               |          | _                                   |                 | $\perp$   | ᆚ        | ٠.  |       | 61       | Ш               | _        | _        | 4          | _                       | 4  | _  | _ _   | _         | - 1 |       | 111      | $\dashv$       | _             | _   | _        |          | _        |                   |          | _         |
| <u> </u>    | 12         | 1              | <u> </u>        |   | Щ               |          | L                                   |                 | $\sqcup$  | ᅵ        | - 1 |       | 62       | Ш               |          | _        |            |                         |  | $\dashv$                                       |   | $\Box$    | ١   |       | 112      | $\sqcup$       |               | $\Box$  |          |          |          | $\perp$           |          | $\square$ |
| <u></u>     | 13         | 1              | Щ               |   | Ш               | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.,             |   | _        | -   |       | 63       | Ш               |          |          | _          |                         | _  | _  | _ _   | $\Box$    |     |       | 113      |                | $\perp$       | $\Box$  |          |          |          | $oldsymbol{\bot}$ |          | Ш         |
| <u> </u>    | 14         | 1              | Ц.              |   | Ш               | Ш        | _                                   |                 | $\bot$  | ╝        | -   |       | 64       | Ш               | $\sqcup$ |          | ┙          |                         |  |  |   | ot        |     |       | 114      |                | $\perp$       |   |          |          |          |                   |          |           |
| <u> </u>    | 15         | 1              |                 |   | Ш               |          |                                     |                 |   | ╝        | **  |       | 65       | Ш               |          |          |            |                         |  |  |   |           |     |       | 115      |                |               | _   |          |          |          |                   |          |           |
|             | 16         | 1              |                 |   |                 |          |                                     |                 |   | ╝        | -   |       | 66       |                 |          |          |            |                         |  |  | [_  |           |     |       | 116      |                |               |   |          |          |          |                   |          |           |
|             | 17         | 1              |                 |   |                 |          |                                     |                 |   | ╝        |     |       | 67       |                 |          |          |            |                         |  |  |   | _]        | ÷   |       | 117      |                |               |   |          |          |          |                   |          |           |
|             | 18         | -              |                 |   |                 |          |                                     |                 |   |          |     |       | 68       |                 |          |          |            |                         |  |  |   |           | Ī   |       | 118      |                |               | ╗   |          |          | $\neg$   | П                 |          | П         |
|             | 19         | 1              |                 |   |                 |          |                                     |                 |   | 7        | 1   |       | 69       |                 |          | $\neg$   |            | $\neg$                  | $\neg$   | $\neg$   | $\neg \Gamma$                                     | ٦         | 4   |       | 119      |                |               | П   | $\neg$   |          |          | $\neg$            |          | $\Box$    |
|             | 20         | -              |                 |   |                 |          |                                     |                 |   | $\neg$   |     |       | 70       |                 |          |          |            |                         | $\neg$   |  |   | ٦         | 4   |       | 120      |                |               | 丁   | $\neg$   |          |          | T                 |          | П         |
|             | 21         | -              |                 |   |                 |          |                                     |                 |   | $\neg$   | :   |       | 71       |                 |          |          | $\neg$     |                         | $\neg$   |  |   | ٦         | 4   |       | 121      |                | 一             | $\neg$  |          |          | ┪        | $\neg$            |          | $\neg$    |
|             | 22         | 1              | -               |   |                 |          |                                     | П               |   | ヿ        |     |       | 72       |                 |          | $\neg$   | 一          |                         | 7  | T  | $\neg$  | ┪         |     |       | 122      |                |               | ┪   | $\neg$   |          | _        | $\dashv$          | $\neg$   | $\dashv$  |
|             | 23         | 1              | П               |   |                 |          |                                     | П               | _   | ヿ        | 7   |       | 73       | $\Box$          | $\neg$   | $\neg$   | _          | $\neg$                  | 寸  | T  | $\neg$  | ┪         |     |       | 123      |                | $\neg$        | ᅥ   | _        |          | $\neg$   | $\dashv$          | $\neg$   | $\neg$    |
|             | 24         | 1              | Н               |   |                 |          |                                     |                 |   | ᅥ        |     |       | 74       |                 | _        | 一        | $\dashv$   | _                       | _  | $\dashv$                                       | $\dashv$  | ᅥ         |     |       | 124      | $\dashv$       | $\dashv$      | ┪   | $\neg$   | _        | -        | $\dashv$          |          | $\dashv$  |
|             | 25         | 1              | Н               |   |                 |          |                                     | Н               |   | ᅥ        |     |       | 75       | $\vdash$        | ┪        | _        | 一          | $\dashv$                | $\dashv$   | +  |   | ┪         |     |       | 125      | $\dashv$       | $\dashv$      | ᅥ   | $\dashv$ | $\dashv$ | 一        | 十                 | _        | $\dashv$  |
|             | 26         | 1              | H               |   |                 |          |                                     | Н               | -   | ⊣        |     | -     | 76       | $\vdash$        | ╛        | -        | ᅥ          | $\dashv$                | +  | _  |   | ╗         |     |       | 126      | $\dashv$       | -             | ┪   | $\dashv$ | $\dashv$ |          | $\dashv$          | $\dashv$ | $\dashv$  |
|             | 27         | 1              | Н               |   | Н               |          | _                                   | Н               | -   | ⊣        |     |       | 77       | Н               | $\dashv$ | -        | $\dashv$   | $\dashv$                | $\dashv$   | $\dashv$                                       | -   | Ⅎ         | 1.0 |       | 127      | $\dashv$       | -+            | -   | $\dashv$ | $\dashv$ |          | $\dashv$          | $\dashv$ | $\dashv$  |
| <b>-</b>    | 28         | 1              | $\vdash$        | _ | $\vdash$        | $\neg$   | _                                   | _               | -   | ᅥ        | 1   |       | 78       |                 |          | $\dashv$ | ᆉ          | -+                      | $\dashv$   | $\dashv$                                       | -   | ┥         | 1   |       | 128      | $\dashv$       | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$  |
| <b></b>     | 29         | 1              | $\vdash$        |   | Н               |          |                                     | Н               |   | ⊣        | ł   |       | 79       | -               | $\dashv$ | -        | $\dashv$   | -                       | +  | $\dashv$                                       | $\dashv$  | ┥         | }   |       | 129      |                | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | -        | $\dashv$  |
| $\vdash$    | 30         | Ì              | Н               | _ |                 |          | _                                   |                 | $\dashv$  | $\dashv$ |     |       | 80       | $\dashv$        | ┪        | $\dashv$ | $\dashv$   | ┪                       | $\dashv$   | $\dashv$                                       | $\dashv$  | ┨         | ŀ   |       | 130      |                | $\dashv$      | +   | -        | $\dashv$ |          | $\dashv$          | $\dashv$ | $\dashv$  |
| <u> </u>    | 31         | 1              | H               |   |                 | -        |                                     | Н               | -+  | $\dashv$ | . 9 |       | 81       | -               |          |          | $\dashv$   | -                       | +  | $\dashv$                                       | +   | $\dashv$  |     |       | 131      |                | +             | -   | -        | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | -         |
|             | 32         | H              | Н               |   | $\vdash$        |          |                                     | -               | -   | ۲.       |     |       | 82       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$   | ᆉ                       | $\dashv$   | $\dashv$                                       | +   | ⊣         |     |       | 132      |                | $\dashv$      | -   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          |          | $\dashv$  |
| -           | 33         | -              | Н               |   | $\vdash$        | $\vdash$ | -                                   |                 | +   | $\dashv$ |     |       | 83       | $\dashv$        | $\dashv$ | -        | -          | $\dashv$                | $\dashv$   | $\dashv$                                       | +   | $\dashv$  |     | -     | 133      | $\dot{\dashv}$ | +             | ┥   | $\dashv$ | $\dashv$ | -        | $\dashv$          | -        |           |
| <del></del> | 34         | $\vdash$       | Н               |   | Н               | $\dashv$ | $\vdash$                            | Н               | -   | $\dashv$ | ŀ   | -     | 84       | $\vdash$        | $\dashv$ | +        | -          |                         | -  | $\dashv$                                       | +   | $\dashv$  |     | -     | 134      | $\dashv$       | +             |   |          | -        | -+       | -                 |          | $\dashv$  |
| <u> </u>    | 35         | $\vdash$       | $\vdash$        |   | $\vdash$        | $\vdash$ | -                                   | $\vdash$        | -   | $\dashv$ |     |       | 85       | $\vdash \vdash$ | $\dashv$ | $\dashv$ |            | $\dashv$                | -+   | +  | +   | $\dashv$  | `   |       | 135      | $\vdash$       |               | ┥   | $\dashv$ | -        | -1       | $\dashv$          | -        |           |
|             | 36         | -              | $\vdash$        | _ | $\vdash \vdash$ | $\dashv$ | -                                   | $\vdash$        | -+  | $\dashv$ |     |       | 86       | ⊢               | $\dashv$ | -        | $\dashv$   |                         | $\dashv$   | $\dashv$                                       | +   | $\dashv$  | - } |       |          |                | 4             | -   |          | $\dashv$ | -        |                   | -        |           |
|             | 37         | $\vdash$       | $\vdash$        |   | $\vdash$        | $\dashv$ |                                     | $\vdash\vdash$  | +   | $\dashv$ |     |       | 00       | $\vdash \vdash$ | $\dashv$ |          | $\dashv$   | _                       | $\dashv$   | -+   | +   | $\exists$ | }   |       | 136      | $\dashv$       |               | 4   | $\dashv$ |          |          | $\dashv$          |          | $\dashv$  |
|             |            | $\vdash$       | $\vdash$        |   | $\vdash$        | -        | -                                   | $\vdash$        | -   | $\dashv$ |     |       | 87       | $\vdash$        |          | -        |            |                         | $\dashv$   | $\dashv$                                       | +   | 4         | ŀ   |       | 137      |                | -             | 4   | _        | _        |          | -                 | _        | _         |
| ⊢–          | 38         | $\vdash$       | $\vdash \vdash$ |   | $\vdash \vdash$ |          | $\vdash$                            | Н               | -+  | 4        | ļ   |       | 88       |                 |          |          |            | _                       | -  | $\dashv$                                       | +   | 4         | ļ   |       | 138      | $\sqcup$       | _             | 4   |          |          |          | _                 | _        | _         |
| <u> </u>    | 39         | <u> </u>       | $\vdash$        |   |                 |          | _                                   |                 | -   | 4        |     |       | 89       |                 | _        | _        | -          |                         | 4  | 4  | -   | 4         | ļ   |       | 139      | $\dashv$       | -             | 4   | _        | _        | _        | _                 |          | _         |
| <b></b>     | 40         | <u> </u>       | Ш               |   |                 | _        |                                     | $\vdash \vdash$ | -4  | 4        |     |       | 90       |                 | 4        | _        |            | _                       | -  | 4  | _   | 4         | ļ   |       | 140      | _              | _             | 4   | _        |          | _        | _                 | _        | _         |
|             | 41         | $\vdash$       | Ш               | _ |                 | _        | $\perp$                             | $\sqcup$        | _   | 4        | -   |       | 91       |                 | _        | _        | _          | _                       | 4  | 4  | _   | 1         | ļ   |       | 141      | _              | $\bot$        | _   |          |          | _        | ᆚ                 | _        |           |
|             | 42         | L.             | -               |   |                 | _        |                                     |                 | _   | 4        | ļ   |       | 92       |                 | _        | _        | <b>긔</b>   | _                       | _  |  |   | ┙         | ļ   |       | 142      | _              |               | _   |          | _        | _        |                   |          | _         |
|             | 43         | Щ              |                 |   |                 |          | $\Box$                              |                 | _   | Ц        | ļ   |       | 93       |                 | _        | $\perp$  |            |                         | $\perp$  | $\perp$  | $\perp$   | $\Box$    | Į   |       | 143      |                |               | $\perp$   |          |          |          |                   |          | ]         |
| <u> </u>    | 44         | Щ              | Щ               | _ | $\Box$          |          |                                     | Ш               | $\perp$   | _        | ļ   |       | 94       | Ц               | $\Box$   | _        | _          |                         | _  | $\perp$  | _ _   | ╛         |     | l     | 144      |                | $\perp$       | _[  |          | $\perp$  | $\Box$   | $\perp$           |          |           |
|             | 45         | Ш              | Ш               |   |                 |          | $\Box$                              |                 |   | $\Box$   |     |       | 95       |                 | _[       | [        | ⅃          | _[                      | $\bot$   | $\perp \perp$                                  | $\perp$   |           |     |       | 145      |                | $\perp$       | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$   | $\Box$   | $\Box$   | $\Box$            |          | $\Box$    |
|             | 46         | Ш              |                 |   |                 |          |                                     |                 |   |          |     |       | 96       |                 |          |          | $_{\perp}$ |                         | $oldsymbol{ol}}}}}}}}}}}}}}} $ | $oldsymbol{\mathbb{I}}$                        | $\bot \Gamma$                                     |           | [   | I     | 146      |                | $oxed{J}$     | $oldsymbol{\mathbb{J}}$   | J        | $\Box$   | $\Box$   | $ \mathbb{J} $    | $\Box$   |           |
|             | 47         | Ш              |                 |   |                 | $\Box$   |                                     |                 | [_  | ╛        | [   | [     | 97       |                 | $\Box$   |          | $_{ m I}$  | $oldsymbol{\mathbb{I}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]         |     |       | 147      |                | $oxed{J}$     | J   |          | $\Box$   | $\Box$   | $\Box$            |          |           |
| لــــــا    | 48         | $\Box$         | Ш               |   |                 | I        | ]                                   |                 |   | ╝        | [   | I     | 98       | $\Box$          |          |          | $\Box$     |                         | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$   | T  |   | .]        | ſ   |       | 148      | $\Box$         | $\Box \Gamma$ | T   | $\Box$   | _7       |          | $\Box$            | Ţ        |           |
|             | 49         |                |                 |   | I               | _]       |                                     |                 |   |          |     |       | 99       | $\Box$          |          |          | $\Box$     | $\Box$                  |  |  |   |           | Γ   |       | 149      |                |               | T   |          |          |          | $\neg$            | $\neg$   | $\neg$    |
| L           | 50         |                |                 | ] |                 | $\Box$   |                                     |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ⅃        | [   |       | 100      | $\Box$          | Т        | T        |            | T                       | Т  | Т  | Т   | 7         | ſ   |       | 150      |                | T             | T   | $\neg$   | $\neg$   |          | $\neg$            |          | ٦         |

